

# NTSCTAB Macro - Overwriting of Scanner Character-Type Table

The NTSCTAB macro allows you to overwrite the definitions in the scanner character-type table NTSCTAB as contained in the configuration module NATCONFIG. The NTSCTAB table defines the properties of characters

- used in mask definitions for the SCAN/MASK functions,
- recognized as delimiters in the SEPARATE statement.

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## NTSCTAB Syntax

You specify the NTSCTAB macro as follows:

*NTSCTAB character,attribute-type(s)*

### *character*

You specify a character, and after it its attribute type(s)

You can specify the character either as the one-byte character itself (enclosed in apostrophes) or as the two-byte hexadecimal representation of that character. For each character, you have to specify a separate NTSCTAB macro.

### *attribute-type(s)*

Attribute types can be:

<b>UPPER</b>	upper-case alphabetical
<b>LOWER</b>	lower-case alphabetical
<b>NUM</b>	numeric
<b>HEX</b>	hexadecimal
<b>ALFANUM</b>	alphanumeric
<b>SPECIAL</b>	special
<b>NDELIM</b>	non-delimiter

## Example of NTSCTAB Macro

```
NTSCTAB  5E,LOWER,NDELIM
NTSCTAB  'ß',SPECIAL
NTSCTAB  7B,SPECIAL
NTSCTAB  Ä,UPPER,NDELIM
```

## NTSCTAB Alternative

Instead of the NTSCTAB macro, you can also use the **profile parameter** SCTAB. With the SCTAB parameter, you must enclose the entire string of character/attribute pairs in parentheses. It is possible to specify more than one character in the list of values. Apostrophes must be used for special characters like Ä, ß, etc.

### Example:

```
SCTAB=(5E,LOWER,NDELIM,'ß',SPECIAL,7B,SPECIAL,'Ä',UPPER,NDELIM)
```